

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/000647

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H01C 7/12, H02H 1/04, H01H 9/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H01C, H01H, H02H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI DATA, EPO-INTERNAL, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0683496 A1 (ASEA BROWN BOVERI AB), 22 November 1995 (22.11.1995), page 2, line 20 - line 48; page 3, line 10 - line 44 --	1-8
Y	US 5113306 A (EDWARD F. VEVERKA ET AL), 12 May 1992 (12.05.1992), column 3, line 55 - column 8, line 15 --	1-8
A	US 5517382 A (PETER LEUPP ET AL), 14 May 1996 (14.05.1996), column 1, line 33 - column 2, line 56 --	1-8

 Further documents are listed in the continuation of Box C. See patent family annex.

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

24 June 2004

Date of mailing of the international search report

13-07-2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4989115 A (MICHEL BOURDAGES ET AL), 29 January 1991 (29.01.1991), column 3, line 23 - column 5, line 16 --	1-8
A	PATENT ABSTRACTS OF JAPAN Vol. 2002 no. 05 03 May 2002 (2002-05-03) & JP 2002015904 A (MITSUBISHI ELECTRIC CORP) 18 January 2002 (2002-01-18) abstract and figures -- -----	1-8

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Information on patent family members

30/04/2004

International application No.

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